Please type a plus sign (+) inside this box

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. First Inventor		063718.0366	
		Akesson et al.	
Title Bore Hole C		pener	

FAILIT ALL LIOATION	First inventor
TRANSMITTAL	Title Bore Hole Opener
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EV352391910US
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Mail Stop Patent Application Alexandria, VA. 22313-1450
See MPEP chapter 600 concerning utility patent application contents.  1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit un original and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  3. Specification [Total Pages 23 ] (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) [Total Sheets 1]  4. Drawing(s) (35 U.S.C. 113) [Total Sheets 1]  5. Oath or Declaration [Total Pages 4]  a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP) Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the Box 5b, is considered a part of the disclosure of the accompanying continuation can only be relied upon when a portion has been inadver	of prior application No.: <u>PCT/BE02/00031 filed March 12, 200</u> 2  Group Art Unit:
19. CORRESPOND	
Customer Number or Bar Code Label 31625	or Correspondence address below
Name	
Address	State Zip Code
City	lephone Fax
	45 003
Name (Print/Type) Luke K. Pedersen	9/10/2003
Signature	Date   3/10/2003



# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 750

	Complete if Known	
Complete if Known		
Application Number	Unknown	
Filing Date	September <u>11</u> , 2003	
First Named Inventor	Akesson et al.	
Examiner Name	Unknown	
Group Art Unit	Unknown	
Attorney Docket No.	063718.0366	

METHOD OF PAYMENT		FE	EE CALCULATION (continued)	
The Commissioner is hereby authorized to charge	3. ADDITION	AL FE	ES	
1. Indicated fees and credit any overpayments to:	Large	Sma		
Deposit Account 50-2148	Entity Fee	Entit Fee	Fee Description	Fee Paid
Number Deposit	(\$)	(\$)		
Account Baker Botts L.L.P.	130	65	Surcharge - late filing fee or oath	
Name  Charge Any Additional Fee Required	50	25	Surcharge - late provisional filing fee or cover sheet	
Under 37 CFR 1.16 and 1.17		400		
Applicant claims small entity status.	130	130	Non-English specification	
See 37 CFR 1.27  2. Payment Enclosed:	2,520	2,520 920*	For filing a request for ex parte reexamination Requesting publication of SIR prior to	
Chack Credit card Money Other	920*	920	Examiner action	
Urder —	1,840*	1,840	* Requesting publication of SIR after Examiner action	
FEE CALCULATION	110	55	Extension for reply within first month	
1. BASIC FILING FEE	400	200	Extension for reply within second month	
Large Entity Small Entity Fee Fee Fee Description	920	460	Extension for reply within third month	
(\$) (\$) Fee Paid	1,440	720	Extension for reply within fourth month	
740 370 Utility filing fee 750	1,960	980	Extension for reply within fifth month	
330 165 Design filing fee	320	160	Notice of Appeal	
510 255 Plant filing fee	320	160	Filing a brief in support of an appeal	
740 370 Reissue filing fee	280	140	Request for oral hearing	
160 80 Provisional filing fee	1,510	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750	110	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES	1,280	640	Petition to revive - unintentional	
Fee from Extra Claims below Fee Paid	1,280	640	Utility issue fee (or reissue)	
Total Claims 20 - 20 = 0 x 0 = 0	460	230	Design issue fee	
Independent 2 - 3 ** = 0 x 0 = 0	620	310	Plant issue fee	
Multiple Dependent 0 = 0	130	130	Petitions to the Commissioner	
	50	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Description	180	180	Submission of Information Disclosure Stmt	
(\$) (\$)	40	40	Recording each patent assignment per property (times number of properties)	
18 9 Claims in excess of 20	1			
84 42 Independent claims in excess of 3	740	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
280 140 Multiple dependent claim, if not paid	740	370	For each additional invention to be	
84 42 ** Reissue independent claims over original patent			examined (37 CFR § 1.129(b))	
18 9 ** Reissue claims in excess of 20	740	370	Request for Continued Examination (RCE)	
and over original patent	900	900	Request for expedited examination of a design application	
SURTOTAL (2) (\$) 0	Other fee (spec	ify)		
SUBTOTAL (2)	, ,		(6) 0	
**or number previously paid, if greater; For Reissues, see above	*Reduced by B	asic Filing	g Fee Paid SUBTOTAL (3) (3)	

SUBMITTED BY		Complete (if applicable)	
Name (PrintlType)	Luke K. Pedersen Registration No. (Attorney/Agent) 45,003	Telephone 214-953-665	55
Signature	7	Date 9/10/20	003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

#### CERTIFICATION UNDER 37 C.F.R. 1.8(a) OR 1.10\* (When using Express Mail, the Express Mail label number is mandatory; Express Mail Certification is optional.) I hereby certify that, on the date shown below, this correspondence is being: Continuation Application (23 Pgs), Formal Drawings (3 Pgs), Unsigned Declaration and POA (4 Pgs), and IDS (2 Pgs) and PTO 1449 (1 Pg) w/ copies of 13 refs, Postcard, and check no. 106044. deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Alexandria, VA 22313-1450. 37 C.F.R. 1.8(a) 37 C.F.R. 1.10\* as "Express Mail Post Office to Address" with sufficient postage as first class mail. Mailing Label No. EV352391910US (mandatory) Signature 9/11/2003 Date: Jay Howard (type or print name of person certifying) \*WARNING: Each paper of fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing 37 C.F.R. 1.10(b). "Since the filing of correspondence under $\S$ 1.10 without the Express Mail label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition. "Notice of Oct. 24, 1996, 60

Fed. Reg. 56,439, at 56,442.

Att Docket #: 063718.0366

Addendum Sheet 1

*Question 4 Addendum 4.a. Drawings are
* Question 5 Addendum 5.c. ☑An unsigned oath or declaration is included.
* Question 8 Addendum 8.d. \( \sum \) A sequence submission will follow.
* Question 9 Addendum 9.a. ✓ Assignment documents will follow. 9.b. ☐ Assignment documents have been filed in parent application No.
* Question 11 Addendum 11.a ☐ English translation will follow.
* Question 12 Addendum 12.a. Copies of IDS citations will follow.
* Question 15 Addendum  15.a. ☐ Certified copies of priority documents will follow.  15.b. ☑ Certified copies of priority documents have been filed in parent application No. PCT/BE02/00031
Use the space below for additional information
Title (continued):
Bore Hole Opener

Att Docket #: 063718.0366

dendum Sheet 2		
18a. If a CONTINUING APPLICATION, co	heck appropriate box, and supply the	e requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37	CFR 1.70:  Continuation-in-part (CIP)	of prior application No.:
Continuation Divisional  Prior application information: Exam		Group Art Unit:
18b. If a CONTINUING APPLICATION, cf or in an Application Data Sheet under 37	neck appropriate box, and supply the	requisite information below and in a preliminary amendment,
Continuation Divisional	Continuation-in-part (CIP)	of prior application No.:
Prior application information: Exami	ner	Group Art Unit:
18c. If a CONTINUING APPLICATION, ch	eck appropriate box, and supply the	requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 ( Continuation Divisional	Continuation-in-part (CIP)	of prior application No.:
	er	Group Art Unit:
гиот арупсанот иногнатот.		
Amend the specification by inserting	g before the first line the sentence(s)	
"This application is a Contin	uation Divisional C	ontinuation-in-part (CIP) of:
"This application is based upon:		
prior application No.:		, incorporated by reference herein,
which is a Continuation	Divisional Continuati	on-in-part (CIP) of:
which is based upon:		
prior application No.		, incorporated by reference herein,
	Continues	an in part (CID) of:
which is a Continuation	Divisional Continuati	on-in-part (CIP) of:
which is based upon:		, incorporated by reference herein,
prior application No.:		, incorporated by reference neroun,
which is a Continuation	☐ Divisional ☐ Continuation	on-in-part (CIP) of:
which is based upon:		
prior application No.:		, incorporated by reference herein,
which is a Continuation	Divisional Continuat	ion-in-part (CIP) of:
which is based upon:	_	
prior application No.		, incorporated by reference herein,
which is a Continuation	Divisional Continual	ion-in-part (CIP) of:
which is based upon:	_	
prior application No.		, incorporated by reference herein
iority under 35.U.S.C. §119 is claimed bas	ed upon the following applications.	
oreign Applications:  Country: Belgium	Serial No: 2001-0157	Filing Date: March 12, 2001
Country:		
Country:		
rovisional Applications:		<del>-</del>
Serial No:	Filing Date:	
Serial No:		
Serial No:		